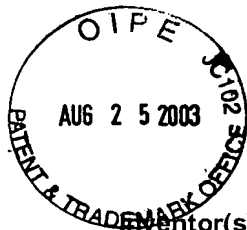


HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

#29
J. Douglas
9/4/03
PATENT APPLICATION

ATTORNEY DOCKET NO. 200304483-1



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Sing Bing Kang et al.

Confirmation No.: 1976

Application No.: 09/298,372

Examiner: B. Yenke

Filing Date: 04/23/99

Group Art Unit: 2614

Title: CAMERA CALIBRATION USING OFF-AXIS ILLUMINATION AND VIGNETTING EFFECTS

Mail Stop PGPUB Drawings
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

DRAWING TRANSMITTAL LETTER

Sir:

Enclosed herewith please find:

- () _____ sheets of redlined drawing(s) which indicate proposed changes to the drawing(s). Upon approval of these proposed changes, formal drawing(s) will be submitted.
- () _____ sheets of corrected formal drawing(s), as required by the Notice of Patent Drawings Objection (PTO-948) which accompanied the Office Action dated _____.
- () _____ sheets of corrected formal drawing(s), as required by the Notice of Patent Drawings Objection (PTO-948) and approved in the Notice of Allowability dated _____.
- (X) 7 _____ sheets of formal drawing(s). Please substitute these formal drawing(s) for the informal drawing(s) originally filed.
- () _____

Examiner's approval of the entry of these drawings is respectfully requested. No new matter has been added.

Respectfully submitted,

Hamilton, Brook, Smith & Reynolds, P.C.

By

Caroline M. Fleming

Attorney/Agent for Applicant(s)

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Date: 8/21/03

Date of Deposit: 8/21/03

Typed Name: Pamela Sarno

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Telephone No.: (978) 341-0036



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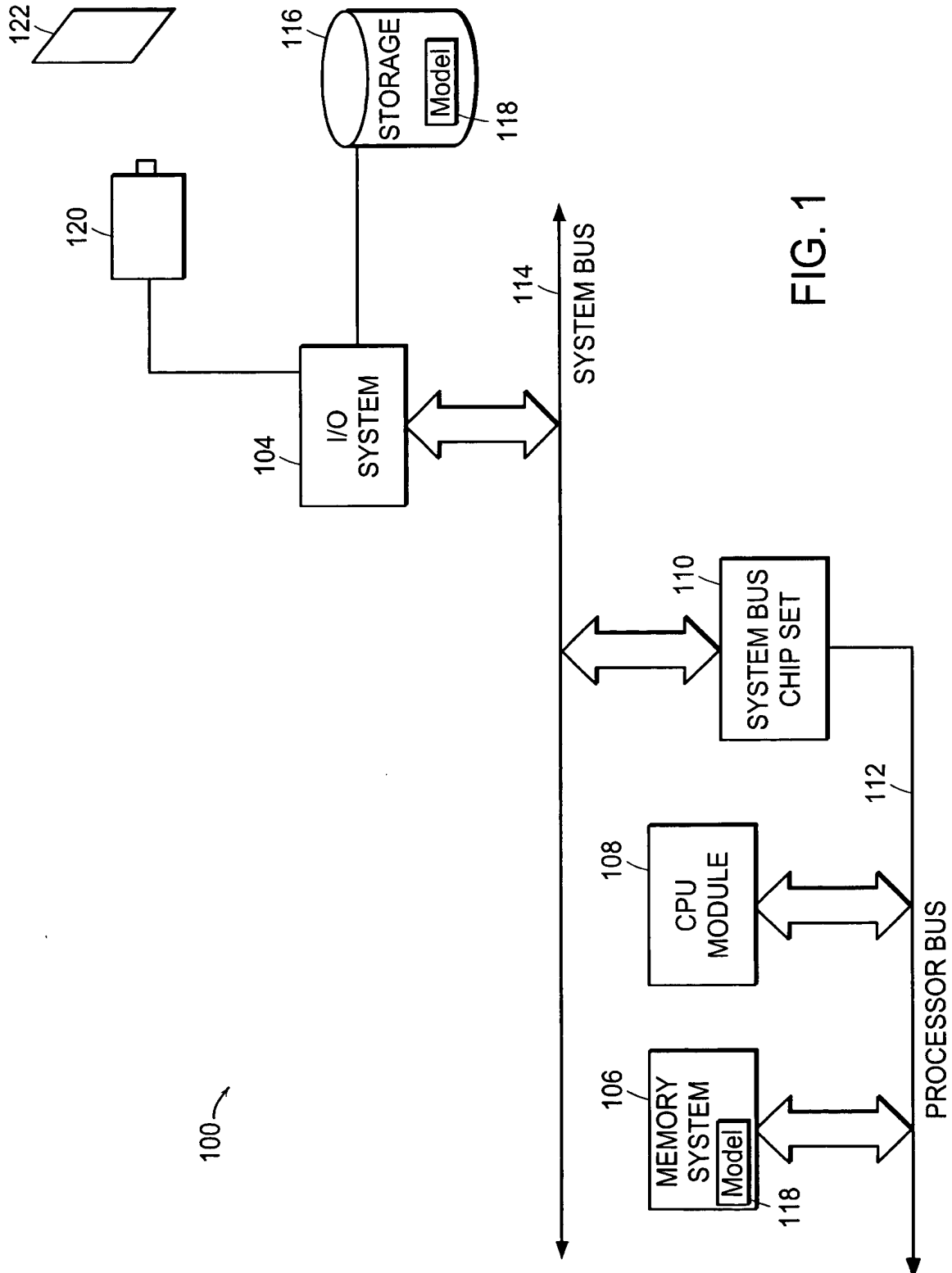


FIG. 1

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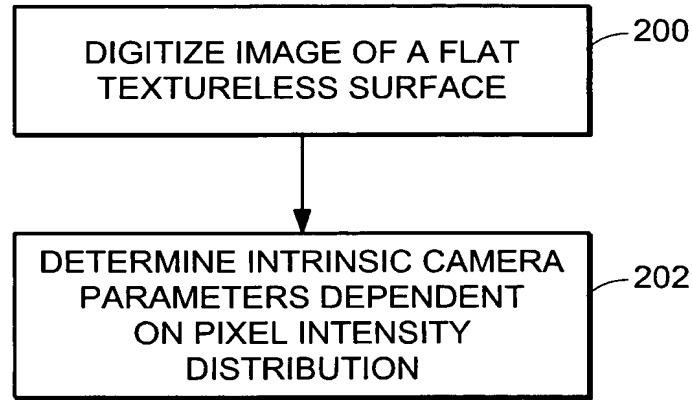


FIG. 2

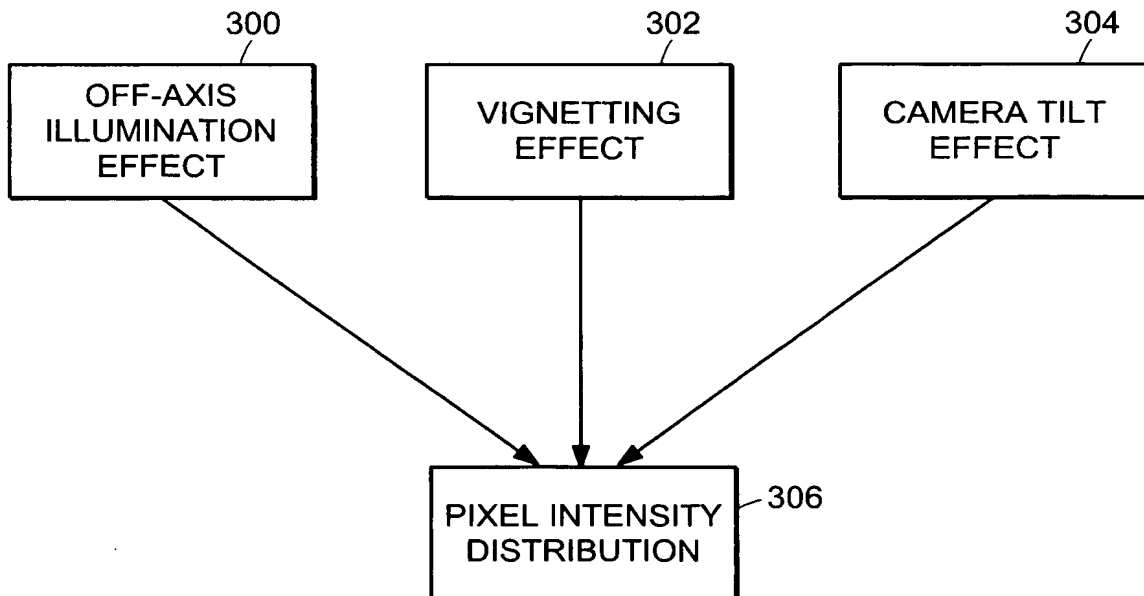


FIG. 3





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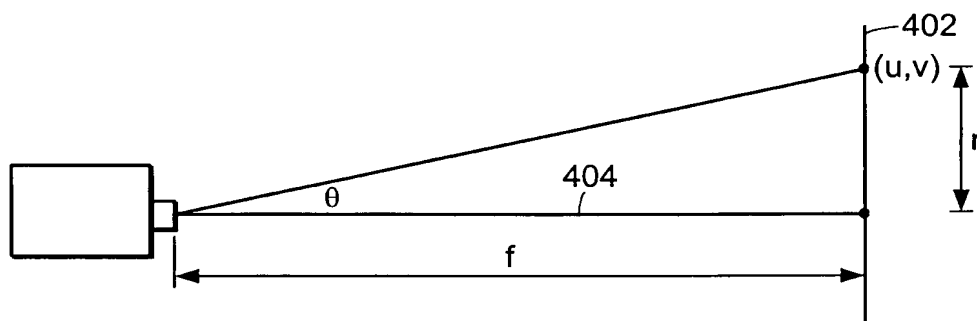


FIG. 4C

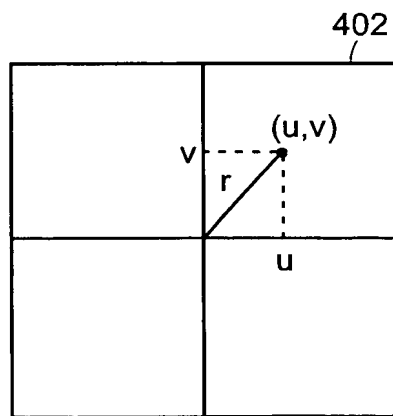


FIG. 4D



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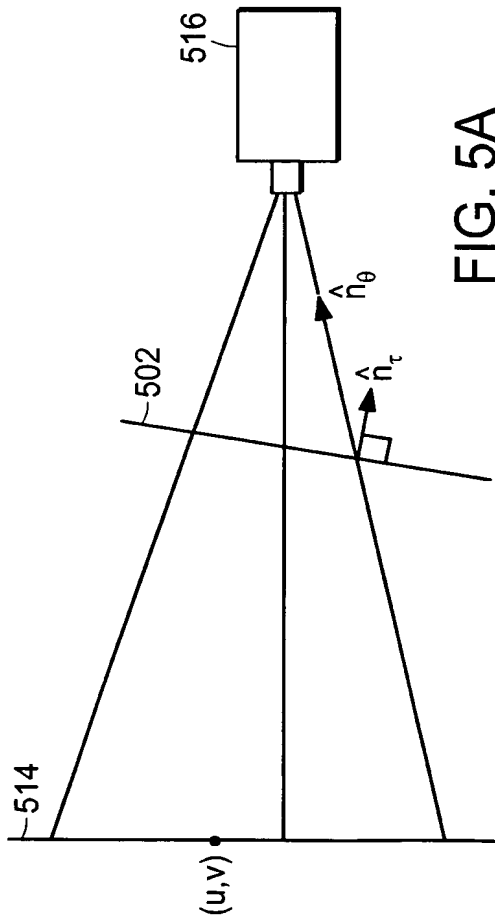


FIG. 5A

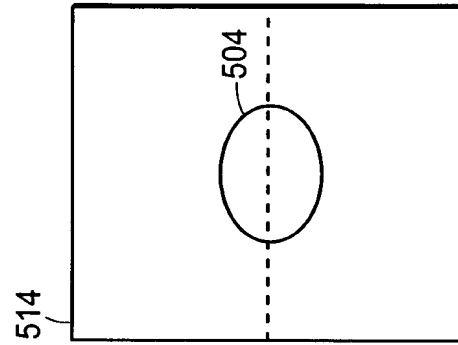


FIG. 5C

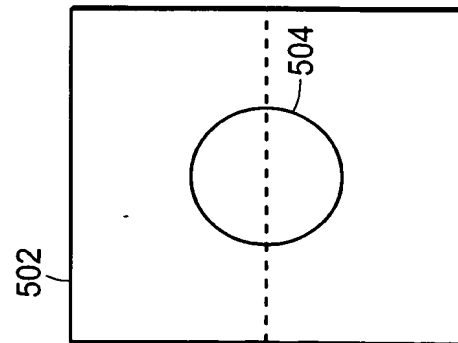


FIG. 5B



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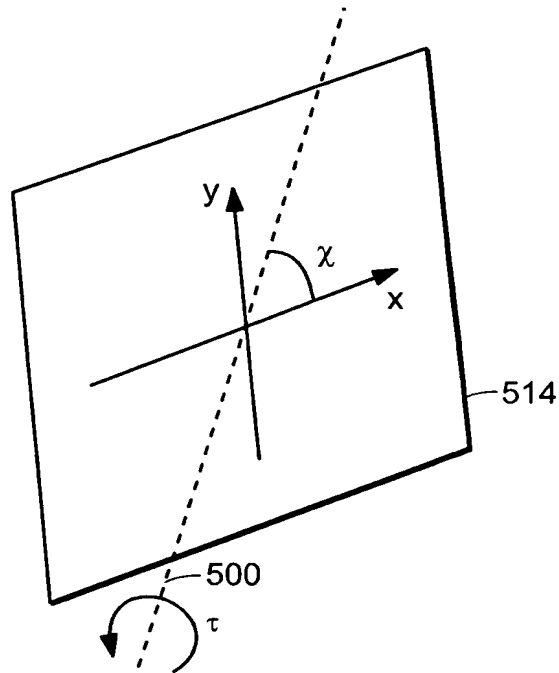


FIG. 5D

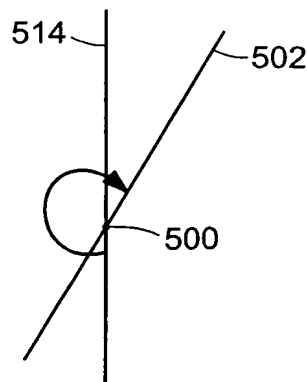


FIG. 5E



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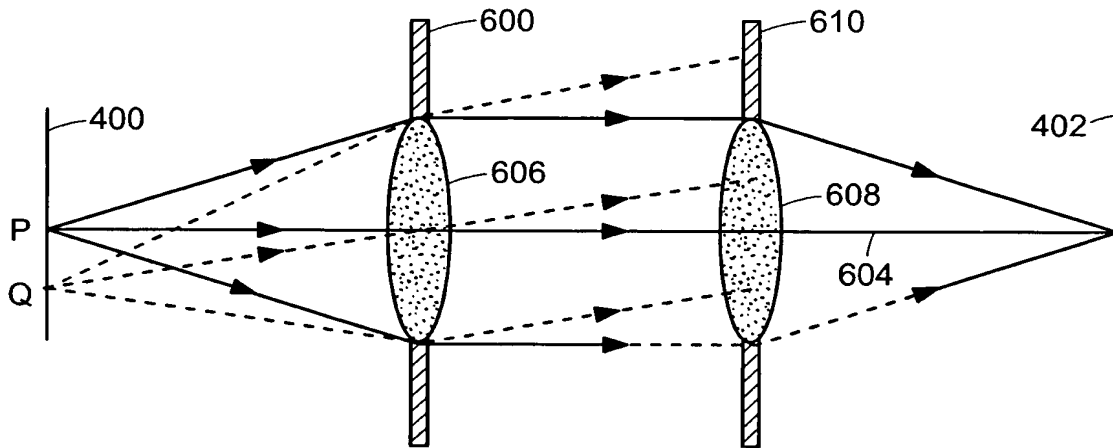


FIG. 6A

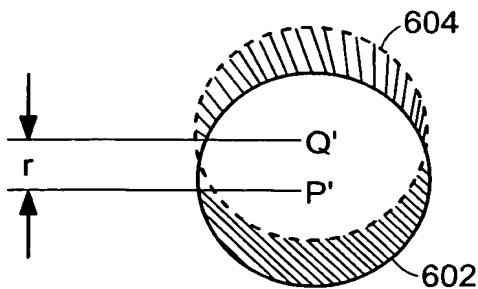


FIG. 6B